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Attorney Docket No. 101792-300
U.S. Serial No. 09/120,664
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AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Complete Listing of Claims:

1. (Currently Amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of a metal or metal-containing compound selected from the group consisting of aluminum phosphate, bismuth oxide, iron II oxide, iron III oxide, silver, silver oxide, titanium oxide, zinc, zinc selenide, and zirconium oxide, wherein the metal is a moiety selected from the group consisting of zinc, copper, bismuth, silver, zirconium, and combinations thereof, and said shell consisting essentially of a metal pyrithione formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the metal or metal-containing compound of said core in water, with the proviso that said metal containing compound is not metal pyrithione.

2.-37. (Canceled)

38. (Currently Amended) A biocidal composition comprising composite particles containing a shell and a core, said core consisting essentially of a metal or a metal-containing compound selected from the group consisting of aluminum phosphate, bismuth oxide, iron II oxide, iron III oxide, silver, silver oxide, titanium oxide, zinc, zinc selenide, zirconium oxide, zinc, copper, bismuth, silver, iron, titanium, aluminum, zirconium and combinations thereof and said shell consisting essentially of a metal pyrithione formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the metal or metal-containing compound of said core in water, with the proviso that said metal containing compound is not metal pyrithione, wherein the particle size for said composite particles ranges from 1 to 20 microns in diameter .

39. (Canceled)

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40. (Currently Amended) The composition of claim 1 wherein said shell consists of zinc pyrithione, and said core consists of zinc or a ~~zinc-containing compound selected from zinc oxide and zinc selenide~~, said zinc pyrithione being formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the ~~zinc oxide zinc~~ or zinc selenide from said core.

41. (Currently Amended) The composition of claim 38 wherein said shell consists of zinc pyrithione, and said core consists of zinc or a ~~zinc-containing compound selected from zinc oxide and zinc selenide~~, said zinc pyrithione being formed by a transchelation reaction of a water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione with a portion of the ~~zinc oxide zinc~~ or zinc selenide from said core.

42-49. (Canceled)

50. (Currently Amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of zinc or zinc selenide, and said shell consisting essentially of zinc pyrithione formed by a transchelation reaction of a ~~water-soluble salt of pyrithione selected from the group consisting of sodium pyrithione and potassium pyrithione~~ with a portion of the zinc or zinc selenide of said core.

51. (New) The biocide composition of claim 50 wherein the particle size for said composite particles ranges from 1 to 20 microns in diameter.

52. (New) The biocidal composition of claim 1 wherein the particle size for said composite particles ranges from 1 to 20 microns in diameter.